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**ALBERTA
EXPORTS
1983**



ALBERTA EXPORTS
1983

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INTRODUCTION

Exports play a vital role in the economic well being of Canadian citizens. Up to one quarter of Alberta's gross domestic product is destined for export markets. In 1983, exports amounted to \$11.4 billion in both goods and services.

The purpose of this publication is to provide private businesses, government officials, and the general public with information about Alberta's exports, their composition, and their destinations. It is hoped that the information will provide assistance in furthering efforts to find new markets, and to enlarge our presence in others.

The majority of the data used in this report comes from Statistics Canada, the Federal statistics agency. The provincial level data from Statistics Canada underestimates Alberta's exports in many areas such as grains, sulphur, petrochemicals, lumber, etc. This is because provincial export data is based on 'bill of lading' information and as such, only those goods which are placed on board a carrier, in Alberta, destined for export, are classified as an Alberta export. Consequently, significant quantities of goods can leave the province prior to being exported and those exports are then attributed to another province. (In the case of grain, for example, the shortfall, according to Alberta Agriculture, was \$1.69 billion in 1983).

At a National Conference of Ministers for International Trade, the Minister for International Trade, the Hon. Horst A. Schmid, expressed his concern about the distortions created by the 'bill of lading' method of allocating provincial exports, and requested that the situation be remedied. As a result of this initiative, the Federal government has, as of the second quarter of 1984, requested exporters to report the province of origin of all exports. This action will, in time, provide better and more accurate export information.

ALBERTA EXPORTS

In 1983, Alberta exported \$11.4 billion worth of goods and services. The contribution to the provincial economy was between one-fifth to one-quarter of the gross domestic product. Alberta's exports include a diverse array of goods and services: everything from crude petroleum, natural gas and food grains, to processed foods, manufactured articles and high technology engineering services.

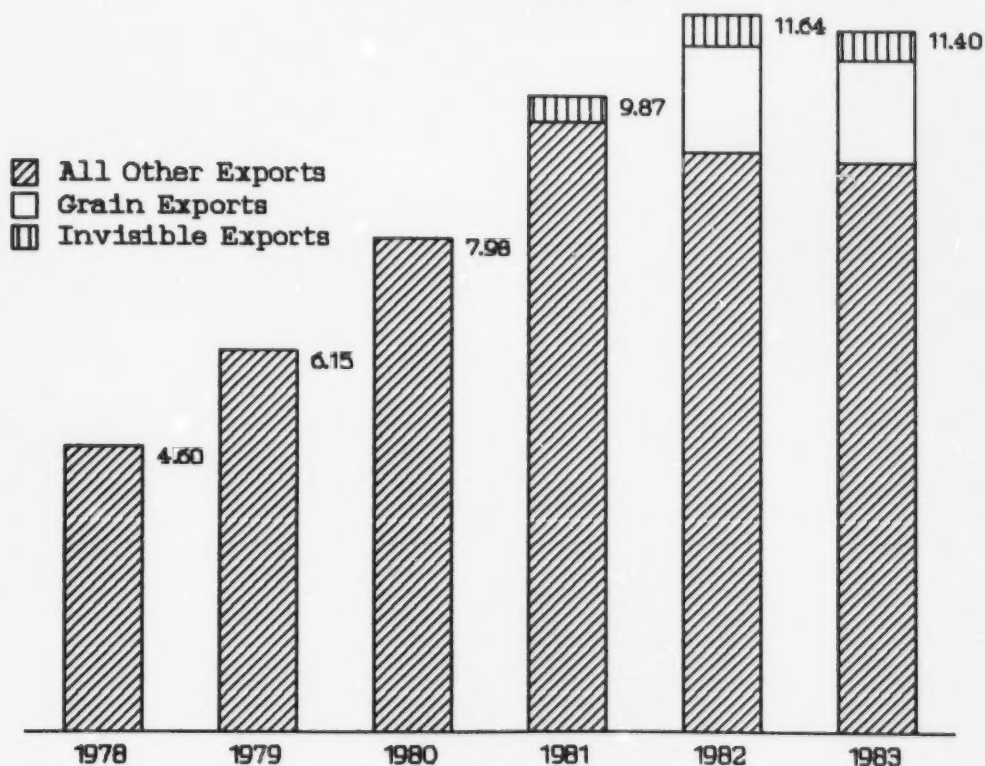
While Alberta's total exports declined by about 2.1 percent, from \$11.64 billion in 1982 to \$11.40 billion in 1983, manufactured exports went up both in terms of dollars earned and as a share of total exports. Manufactured exports grew from \$2.63 billion in 1982 to \$2.77 billion in 1983, with its share of total exports increasing from 22.6 percent to 24.3 percent. Overall, during the past five years since 1978, Alberta's export total has grown at an average annual compound rate of about 15 percent.

As mentioned in the introduction, Statistics Canada underestimates the exports of Canada's land-locked provinces. This is particularly true of Alberta's grain exports. For the past two years Alberta Agriculture has been providing estimates of selected grain and oilseed exports. In 1983, according to the department's calculations, Alberta's grain exports netted the province \$1.69 billion over and above the \$9.22 billion that Statistics Canada claims is Alberta's total exports.

Invisible exports, the services that Albertans provide to non-residents, also contribute to the overall export picture. According to a survey conducted by the Department of Economic Departemnt, service industries like engineering, high technology and tourism, generated \$492 million in invisible exports.

To more accurately reflect Alberta's export performance, the estimates from Alberta Agriculture and the invisible export component have been added to the \$9.22 billion export figure from Statistics Canada. Consequently, the 1983 export total for Alberta is \$11.4 billion. The number is comparable to the previous year as the same methodology was used.

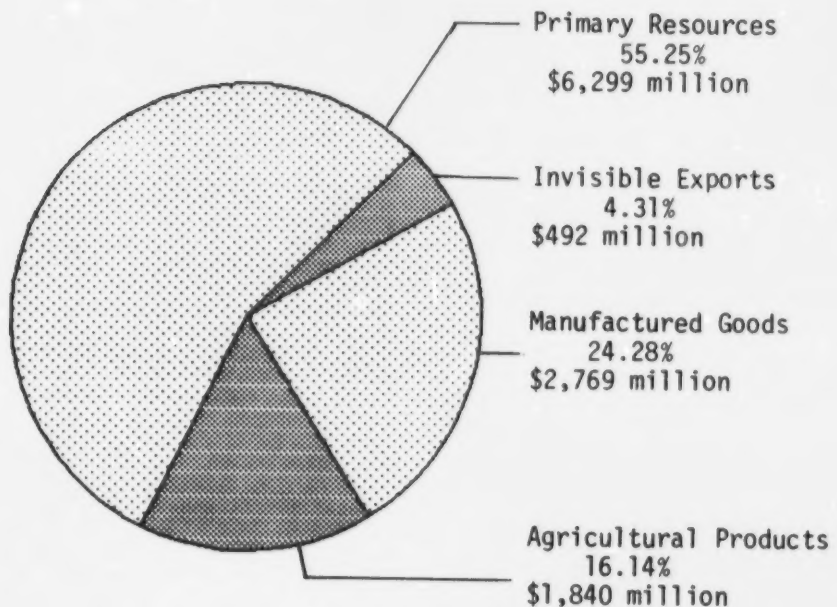
ALBERTA'S EXPORT PERFORMANCE
(billions of dollars)



SECTOR EXPORTS

The primary resource sector is Alberta's major export earner. In 1983, the \$6.3 billion in resource exports, comprised primarily of natural gas and crude petroleum, accounted for just over 55 percent of Alberta's total exports. Manufactured exports are Alberta's second largest export sector, earning the province \$2.8 billion and accounting for about 24 percent of Alberta's export total. The bulk of manufactured exports are primary manufactures like organic chemicals, woodpulp and fertilizers. Secondary manufactures (end products) are exports like oil and gasfield equipment, whiskey and telecommunications equipment. The manufacturing sector was the only one to experience an export increase between 1982 and 1983. Exports from this sector went up by 5.5 percent.

ALBERTA EXPORTS BY SECTOR
1983



Total Exports: \$11,400 million

Alberta's agricultural exports were valued at \$1.8 billion in 1983, accounting for about 16 percent of total exports. Wheat, barley, canola and livestock account for 95 percent of Alberta's agricultural exports. (Processed foods and beverages are included in the manufacturing sector).

Invisible exports, the provision of services and expertise to foreigners, amounted to \$492 million in 1983. Although the export figure is marginally lower than the previous year, its share to total exports remains the same.

Alberta's Exports By Sector - 1983

	<u>\$ million</u>	<u>% share of total</u>	
Agricultural Products	1,840	16.1	
Primary Resources	6,299	55.2	
Manufacturing:	2,769	24.3	
Primary		2,406	21.1
Secondary		363	3.2
<u>Services</u>	<u>492</u>	<u>4.3</u>	
TOTAL	11,400	100.0	

COMMODITY EXPORTS

Among Alberta's major commodity exports, the energy and agriculture related commodities have dominated the field. Natural gas and crude petroleum together account for just over one half of total exports. All of Alberta's natural gas exports go to the United States. Sluggish U.S. demand during 1983 resulted in an export decline of 15 percent from \$4.25 billion in 1982 to \$3.61 billion in 1983. Shipments of crude petroleum went up significantly as diminished domestic consumption allowed a larger surplus to be exported. As a result, between 1982 and 1983, exports of crude petroleum went up 28 percent in dollar terms, from \$1.77 billion to \$2.26 billion. Other energy related products whose exports increased in 1983 include petroleum products (refinery products), up 13 percent to \$960 million, and organic chemical (petrochemicals), up 130 percent to \$267 million.

International deliveries of Alberta wheat increased only marginally, from \$1.11 billion in 1982 to \$1.16 billion in 1983. Other grain exports did not fare as well: barley exports dropped 19 percent to \$367 million and canola by 9 percent to \$152 million. Meanwhile, exports of lumber more than doubled as a result of the recovery in the U.S. construction industry; total exports went from \$45 million in 1982 to \$104 million in 1983.

Alberta's Major Commodity Exports 1982-1983

	<u>1982</u> <u>(\$million)</u>	<u>1983</u> <u>(\$million)</u>
Natural Gas	4,250	3,614
Crude Petroleum	1,767	2,258
Wheat	1,111	1,162
Petroleum Products	852	960
Coal & Crude Bitumen	392	408
Barley	455	367
Sulphur	445	353
Organic Chemicals	116	267
Woodpulp	231	207
Canola	167	152
Fertilizer & Materials	165	148
Livestock & Animal products	141	145
Inorganic Chemicals	88	112
Lumber	49	104
<u>Oil & Gasfield Equipment</u>	<u>252</u>	<u>83</u>
ABOVE TOTAL	10,277	10,340

VALUE ADDED GOODS

Exports of Alberta's value added goods went up 5.2 percent between 1982 and 1983, from \$2.35 billion to \$2.42 billion. Petrochemical exports experienced the largest gain in dollar terms: exports rose \$150.4 million, from \$116.5 million to \$266.9 million, a gain of 129 percent. Exports of petroleum products increased by a modest 12.7 percent but amounted to \$107.9 million as it went from \$852.2 million to \$960.1 million. Other significant increases include lumber (+113.3%) and inorganic chemicals (+27.8%). The biggest export gain, in percentage terms, was in telecommunication equipment. Exports more than tripled from only \$5.2 million in 1982 to \$22.1 million.

EXPORTS OF VALUE ADDED GOODS 1982/1983

	Millions of Dollars	
	<u>1982</u>	<u>1983</u>
Petroleum products	852.2	960.1
Petrochemicals	116.5	266.9
Woodpulp	231.4	207.1
Fertilizers	163.9	148.4
Inorganic chemicals	87.9	112.3
Lumber	48.7	103.9
Oil & gasfield equipment	252.1	83.1
Meat, beef and pork	67.0	70.3
Nickel & alloys	59.6	50.7
Synthetic rubber & plastic materials	42.2	44.3
Milled cereals	32.3	35.4
Whiskey	31.4	24.2
Textiles & related fibres	12.6	23.3
Telecommunications equipment	5.2	22.1
Laboratory & scientific equipment	<u>14.5</u>	<u>19.3</u>
Total	<u>2,017.5</u>	<u>2,171.4</u>
<u>TOTAL (all value added goods)</u>	<u>2,301.0</u>	<u>2,424.0</u>

The largest export decline suffered by valued added goods was in the oil and gasfield sector. A poor market in the United States was the primary reason why exports dropped 67 percent between 1982 and 1983, from \$252.1 million to \$83.1 million. Other export declines include in woodpulp (-10.5%) and fertilizers (-9.5%).

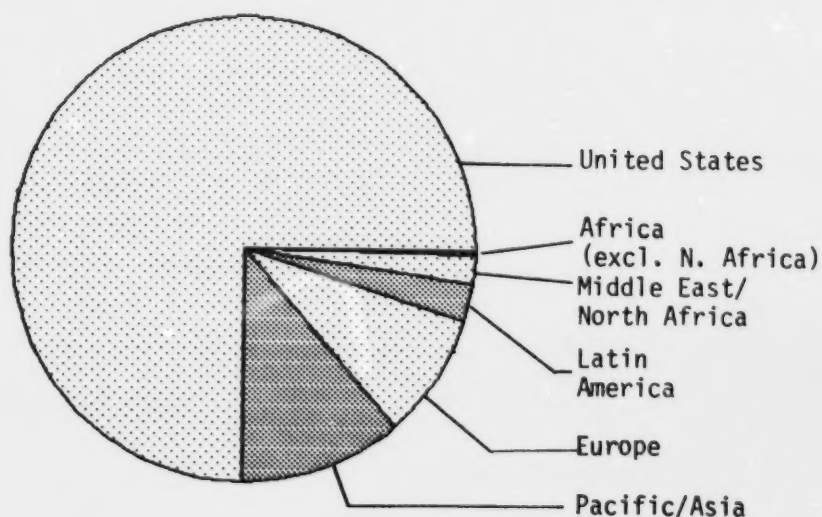
EXPORT MARKETS

The United States is Alberta's largest export market. In 1983, exports to that market were valued at \$8.1 billion - 75 percent of the province's total exports. The Asia/Pacific Rim market, Alberta's second largest, continues to be an area of strength. During 1983, exports to this region increased and now comprises a larger proportion of total exports: from 10.8 percent in 1982 to 11.5 per cent in 1983. Japan and the People's Republic of China together account for about 80 percent of the exports to the region.

Exports to Europe suffered during 1983. One of the prime reasons for this export decline was diminished grain exports to the East European countries of Poland and the U.S.S.R. However, in 1983, the U.S.S.R. was still Alberta's largest export destination, followed by the Netherlands, United Kingdom and East Germany. Europe represents 8.6 percent of Alberta's export total with just under one billion dollars.

ALBERTA EXPORTS

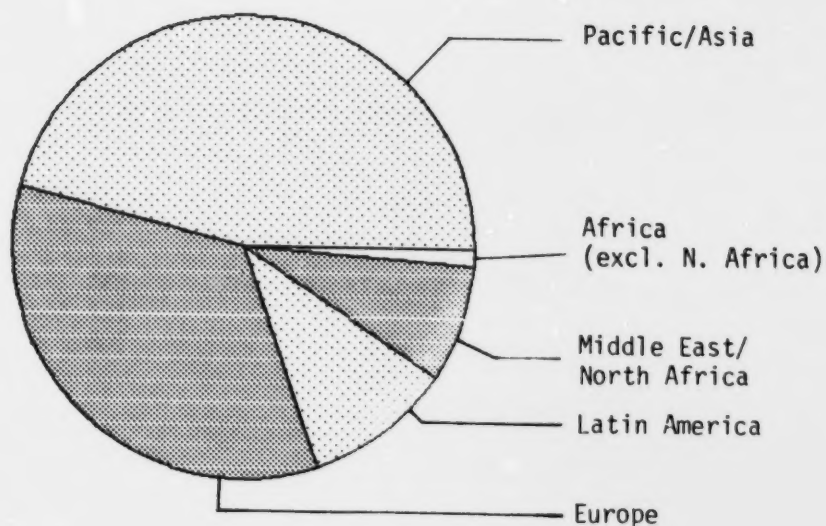
1983



Global Destinations

ALBERTA EXPORTS

1983



Non-U.S. Destinations

Alberta Exports to World Regions - 1983

	1982 \$ '000	% of total	1983 \$ '000	% of total
United States	8,277,233	74.3	8,103,114	75.0
Asia/Pacific Rim	1,201,728	10.8	1,242,079	11.5
Europe (East & West)	1,119,651	10.0	931,114	8.6
Latin America	241,221	2.2	285,257	2.6
Middle East/North Africa	177,109	1.6	210,926	2.0
Africa	122,464	1.1	33,647	0.3
Above Total	11,139,406	100.0	10,806,137	100.0
Invisible Exports	508,000		492,100	
Unidentified Grain Exports	--		102,461	
Grand Total	11,647,406		11,400,698	

Latin America is Alberta's fourth ranking export destination. Exports to the region accounted for 2.8 percent of the export total. Brazil alone absorbed over half the exports to the region. Exports to the Middle East continues to grow. In 1982, exports to the region represented only 1.6 percent of total exports; in 1983 the share had grown to 2.0 percent. Africa is Alberta's smallest market. In 1983 it accounted for only .3 percent of total exports.

ALBERTA EXPORTS TO SELECTED COUNTRIES
1983

United States	8,103,114
Japan	709,440
U.S.S.R.	476,132
People's Republic of China	259,774
Brazil	152,444
The Netherlands	108,859
United Kingdom	85,809
East Germany	76,556
Taiwan	66,217
South Korea	58,721
Cuba	53,056
Italy	50,786
West Germany	43,713
Belgium/Luxemburg	41,946
Iran	37,971
Algeria	33,154
Australia	33,016
Iraq	32,846
France	32,260
Tunisia	31,896
<u>Rest of the world</u>	<u>420,792</u>
TOTAL	10,908,535

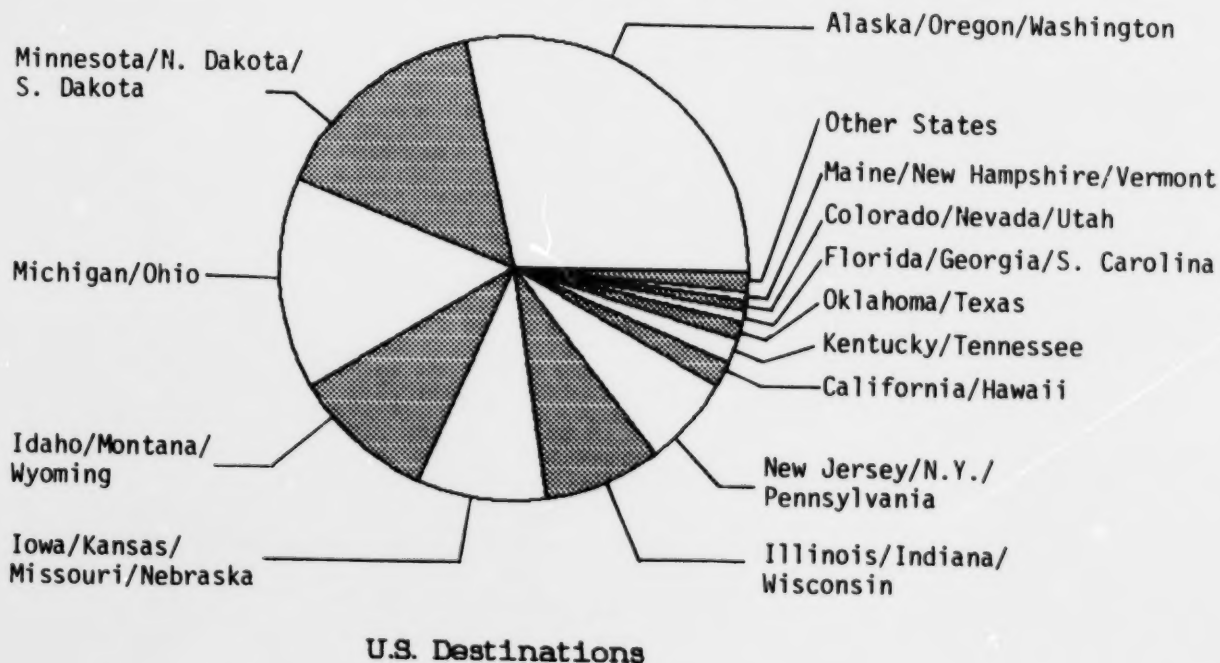
Note: Does not include invisible exports (\$492.1 million)

MARKET SPOTLIGHT

i. The United States

The United States is Alberta's largest export market. As a consumer of approximately \$8.1 billion worth of Alberta merchandise, it is a key market for Alberta producers - roughly 75 percent of the province's exports go to the United States. Although natural gas exports to the United States dropped 15 percent, from \$4.25 billion in 1982 to \$3.6 billion in 1983, overall exports to the U.S. declined by only 2 percent.

ALBERTA EXPORTS TO U.S. REGIONS



Proximity to markets, and the associated transportation costs, play a significant role in the destination of exports to the U.S. As can be expected, the majority of Alberta's exports to the U.S. goes to the border states. Two years ago, in 1982, 83 percent of exports went to the eleven north-central and north-western states. But in 1983, the very same states' share of Alberta exports had declined to 69 percent. Although the smaller market for natural gas played a large role in this change, more importantly, exports to some of the other states increased dramatically. The most notably export increases were to the mid-western states of Iowa, Kansas, Missouri, Nebraska, Illinois, Indiana, and Wisconsin, and to the eastern states of New Jersey, New York, and Pennsylvania. Exports to these states went up from \$739 million in 1982 to \$1,890 million in 1983, a change from 9 percent to about 23 percent of total exports to the U.S.

ALBERTA EXPORTS TO U.S. REGIONS - 1983

	VALUE OF EXPORTS (\$'000)	% OF TOTAL
Alaska, Oregon, Washington	2,308,749	28.54
Minnesota, N. Dakota, S. Dakota	1,244,122	15.38
Michigan, Ohio	1,192,005	14.74
Idaho, Montana, Wyoming	799,927	9.89
Iowa, Kansas, Missouri, Nebraska	721,961	8.92
Illinois, Indiana, Wisconsin	656,898	8.12
New Jersey, New York, Pennsylvania	510,656	6.31
California, Hawaii	145,369	1.80
Kentucky, Tennessee	136,537	1.69
Oklahoma, Texas	95,259	1.18
Florida, Georgia, S. Carolina	60,490	0.75
Colorado, Nevada, Utah	57,924	0.72
Maine, New Hampshire, Vermont	50,899	0.63
Delaware, Maryland, D.C., North Carolina		
Virginia, West Virginia	48,167	0.60
Unspecified States	26,449	0.33
Arkansas, Louisiana	12,604	0.16
Arizona, New Mexico	7,996	0.10
Connecticut, Massachusetts, Rhode Island	6,332	0.08
Alabama, Mississippi	6,204	0.08
TOTAL (above)	8,088,547	100.00
Grain Estimates	14,567	
TOTAL (including grain estimates)	8,103,114	

SOURCE: Statistics Canada and Alberta Agriculture

ii. The Pacific Rim/Asia

Exports to the Pacific Rim/Asia market remained relatively unchanged in 1983 as exports rose only 3.4 percent over the previous year. In 1983, exports to the region amounted to \$1.24 billion - about 11.5 per cent of Alberta's total export trade. Japan continues to be the largest market in the region with export sales of \$709.4 million, a 6.3 percent increase over the previous year. Exports to the People's Republic of China, our second biggest market, went up 10.3 percent to \$259.8 million. Taiwan was another large buyer of Alberta goods as exports there jumped 85 percent to \$66.2 million. Among other markets notable export increases were made in New Zealand, Indonesia, the Phillipines, and Bangladesh.

ALBERTA EXPORTS TO ASIA/PACIFIC RIM (THOUSANDS OF DOLLARS)

	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982*</u>	<u>1983*</u>
Australia	9,178	12,195	34,089	81,775	63,288	33,016
Bangladesh ²	45	-	-	65	-	13,167
Hong Kong	3,209	4,910	6,617	10,480	8,681	7,869
India ²	11,871	22,630	23,308	42,698	33,867	23,048
Indonesia ²	3,493	2,897	7,399	12,690	10,364	13,726
Japan ¹	286,407	240,729	260,336	302,290	666,946	709,440
Malaysia	132	201	308	971	6,311	7,893
New Zealand	2,123	2,980	4,163	9,481	6,425	12,148
Pakistan	7,600	262	283	1,467	4,748	3,294
Peoples R. China ¹	8,877	11,648	34,435	22,322	235,414	259,774
Philippines	14,946	5,434	26,853	3,607	1,976	6,950
Singapore	2,026	2,994	4,792	8,718	8,939	7,146
South Korea ¹	21,490	23,326	39,925	39,279	65,365	58,721
Taiwan ²	14,946	14,661	37,371	36,716	35,787	66,217
Thailand	2,092	1,976	3,919	6,865	2,335	4,955
Other Countries ²	8,439	5,591	37	222	51,282	9,296
TOTAL	396,829	352,434	483,835	579,581	1,201,728	1,242,079

¹ Includes grain exports for 1982 and 1983.

² Includes grain exports for 1983 only.

* Estimates of grain exports were first available in 1982.

SOURCE: Statistics Canada and Alberta Agriculture

iii. The European Community

Exports to the European Community remained relatively unchanged during the past two years. Between 1982 and 1983 exports rose only marginally to \$364.9 million. The largest destination for Alberta exports is The Netherlands, from where many of the goods are transhipped to other destinations. In 1983, exports to The Netherlands reached \$108.9 million, up 18 percent over 1982. Other countries in the European Community to which Alberta's exports increased include West Germany (33 percent), France (26 percent), and Belgium/Luxembourg (8 percent). These increases were off-set by declines in exports to the United Kingdom and Italy, currently Alberta's second and fourth largest markets in the European Community.

ALBERTA EXPORTS TO THE EUROPEAN COMMUNITY 1978-1983 (THOUSANDS OF DOLLARS)

	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982*</u>	<u>1983*</u>
Belgium/Luxembourg ¹	7,157	11,135	29,071	23,844	38,739	41,947
Denmark	541	159	449	104	470	304
Fed. Rep. of Germany ¹	5,864	25,150	16,690	29,232	32,809	43,713
France ¹	5,445	6,613	15,994	20,493	25,604	32,260
Greece	2	155	3,203	615	501	478
Ireland	90	134	139	308	417	767
Italy ¹	8,047	10,819	14,841	26,824	77,286	50,786
The Netherlands ¹	3,323	15,724	22,929	33,900	92,221	108,859
United Kingdom	21,245	22,844	24,232	43,176	96,087	85,809
TOTAL	<u>51,714</u>	<u>82,733</u>	<u>127,548</u>	<u>178,496</u>	<u>364,134</u>	<u>364,923</u>

¹ Includes grain exports for 1982 and 1983.

* Estimates of grain shipments were first available in 1982.

SOURCE: Statistics Canada and Alberta Agriculture

iv. Latin America

Exports to Latin America went up 17.2 percent, from \$243.4 million in 1982, to \$285.3 million in 1983. In 1982, a large part of the exports, grain shipments, were identified as exports to the region. The 1983 figures are more detailed and consequently, the high export numbers for "other countries" in 1982 will now appear under individual country headings. The largest export market, accounting for just over one-half of exports to the region, is Brazil with \$152.4 million. Cuba is another important market with \$53.1 million in purchases - much of it grain. Mexico (\$27.7 million), Colombia (\$12.1 million) and Venezuela (\$10.7 million) are our other large markets in Latin America.

ALBERTA EXPORTS TO LATIN AMERICA 1978-1983

(THOUSANDS OF DOLLARS)

	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982*</u>	<u>1983*</u>
Argentina	3,988	3,965	8,338	12,857	4,118	7,970
Brazil ²	12,227	19,276	47,102	74,118	43,978	152,444
Chile	4,027	1,071	415	3,355	4,437	5,922
Colombia ²	2,241	5,825	4,782	8,051	7,609	12,117
Costa Rica	523	1,417	853	426	48	3,653
Cuba ²	1,893	4,236	3,343	11,884	8,400	53,056
Jamaica	106	32	233	219	533	3,068
Mexico ¹	1,872	5,127	10,261	14,092	11,304	27,655
Nicaragua	206	479	1,455	1,078	590	333
Peru	444	148	517	4,696	5,874	6,443
Venezuela ²	5,511	4,610	8,850	13,791	27,970	10,664
Other Countries ³	115	2,404	11,618	6,218	128,584	1,933
TOTAL	33,153	48,590	97,767	150,785	243,445	285,257

¹ Includes grain exports for 1982 and 1983.

² Includes grain exports for 1983 only.

³ Includes grain exports for 1982 only.

* Estimates of grain exports were first available in 1982.

SOURCE: Statistics Canada and Alberta Agriculture

v. The Middle East/North Africa

Alberta exported \$210.9 million in goods to the Middle East/North Africa in 1983, a 17.8 percent increase over 1982. As with Latin America, 1982 grain exports to the region were not available at the country level and were inserted under "other countries". In 1983, improved country detail permits grain exports to the region to be distributed to the individual countries.

Iran, Iraq and Tunisia were Alberta's largest Middle East markets with \$38.0 million, \$32.8 million and \$31.9 million respectively. Combined they made up almost half the exports to the region. Other important markets were Syria (\$17.9 million), Morocco (\$11.4 million) and Egypt (\$5.0 million).

ALBERTA EXPORTS TO MIDDLE EAST 1978-1983
(including North Africa)
(THOUSANDS OF DOLLARS)

	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982*</u>	<u>1983*</u>
Algeria ²	508	2,179	255	2,612	546	60
Egypt ²	135	1,715	559	3,136	2,626	4,983
Ethiopia ²	-	-	35	6,692	58	2,372
Iran ²		275	109	3	8	37,971
Iraq ²		2,531	181	160	492	32,846
Jordan	10	-	132	-	707	1,123
Kuwait	2	381	633	268	1,923	568
Libya	3,009	176	80	2,157	1,826	453
Morocco	4,789	7,837	22,682	38,977	32,629	11,417
Oman (Muscat)	-	1	22	2,319	68	1,080
Saudi Arabia	3,784	726	1,885	4,308	1,987	3,703
Sudan	238	215	1,647	1,858	1,405	1,086
Syria ²		298	1	-	-	17,865
Tunisia	3,663	7,189	32,136	44,051	36,618	31,896
Turkey	333	1	2	217	2,291	200
United Arab Emirates	778	3,418	1,360	2,243	3,591	849
Other Countries ¹	<u>1,196</u>	<u>5,567</u>	<u>1,587</u>	<u>567</u>	<u>92,778</u>	<u>15,198</u>
TOTAL	18,445	29,405	63,015	109,405	179,053	210,926

¹ Includes grain exports for 1982 and 1983.

² Includes grain exports for 1983 only.

* Estimates of grain exports were first available in 1982.

SOURCE: Statistics Canada and Alberta Agriculture

vi. Eastern Europe

Exports to Eastern Europe dropped by 17.9 percent in 1983 to \$566.2 million. The primary reason for the decline was reduced grain shipments to Poland and the U.S.S.R. However, the U.S.S.R. is still Alberta's third largest customer after the United States and Japan with \$476.1 million, and although exports of grain declined, there was a notable increase in exports of oil and gasfield equipment and other technical equipment. East Germany and Poland imported \$76.6 million and \$11.2 million worth of Alberta goods.

ALBERTA EXPORTS TO EASTERN EUROPE 1978-1983
(THOUSANDS OF DOLLARS)

	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982*</u>	<u>1983*</u>
Czechoslovakia ²	61	495	222	223	3,449	806
German Democratic Republic ³		403	222	-	-	76,556
Poland ¹	209	1,649	0	153	89,213	11,169
U.S.S.R. ¹	2,380	3,194	7,352	13,277	596,985	476,132
Other Countries	328	2,493	1,201	650	0	1,528
TOTAL	2,778	7,831	8,775	14,303	689,647	566,191

¹ Includes grain exports for 1982 and 1983.

² Includes grain exports for 1982 only.

³ Includes grain exports for 1983 only.

* Estimates of grain exports were first available in 1982.

SOURCE: Statistics Canada and Alberta Agriculture

SECTOR STUDIES

During the course of the year, the Department of Economic Development undertakes studies that examine certain sectors of the Alberta economy. Some of studies, based on surveys and census, evaluate the level of exports from specific sectors. Where possible, these export figures have been reproduced below. It must be kept in mind that these numbers may not be consistent with the export statistics in other sections of the publication as the methodologies are completely different.

i. Oil and Gas Equipment

Alberta's oil and gasfield equipment manufacturers are estimated to have exported \$241.3 million worth of equipment. This amounts to about 18 percent of their industry's total output of \$1,292.0 million.

ii. High Technology Electronic Equipment

Alberta's high technology electronic industry has been developing at a remarkable rate. Exports from this industry has reflected this rapid expansion.

	<u>1981</u>	<u>1982</u>	<u>1983</u>
Exports (millions of dollars)	19.7	37.9	92.9

Between 1981 and 1982, exports from this industry almost doubled, from \$19.7 million to \$37.9 million. In 1983, the increase was even more dramatic as high tech electronic equipment export rose 145 percent to \$92.9 million.

iii. Invisible Exports

Invisible exports are the services provided by Alberta companies to non-residents (eg: tourism) and foreign markets (eg: engineering

services). Invisible exports are estimated to have brought in \$492.1 million into the Alberta economy. Following is a table that breaks the invisible exports into its component parts.

Alberta's Invisible Exports (millions of dollars)

	<u>1982</u>	<u>1983</u>
Aviation (Freight)	84.8	83.4
Banking Services	19.0	14.0
Electronic Data Processing*	48.5	
Engineering Services	83.0	100.4
High Technology	73.8	81.4
Tourism	<u>199.0</u>	<u>212.9</u>
TOTAL	508.0	492.1

* Electronic Data Processing is included in engineering services and high technology.

Source: Tourism & Small Business
Alberta Economic Development

APPENDIX

TABLE I
PETROLEUM AND NATURAL GAS EXPORTS 1979-1983

(EXPORTS IN MILLIONS OF DOLLARS)

	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982 *</u>	<u>1983 *</u>
<u>NATURAL GAS EXPORTS</u>					
Growth Rate	2,342.2	3,441.3	3,950.5	4,250.3	3,614.2
Share of Total Exports	38.1%	+46.9%	+14.8%	N/A	-15.0%
		43.1%	41.8%	38.2%	31.7%
<u>CRUDE PETROLEUM EXPORTS</u>					
Growth Rate	1,835.8	1,889.8	1,620.7	1,767.0	2 257.5
Share of Total Exports	29.9%	+2.9%	-14.2%	N/A	+27.8%
		23.7%	17.2%	15.9%	19.8%
<u>TOTAL NATURAL GAS & CRUDE PETROLEUM EXPORTS</u>					
Growth Rate	4,178.0	5,331.1	5,571.2	6,017.4	5,871.7
Share of Total Exports	67.9%	+27.6%	+4.5%	N/A	-2.4%
		66.8%	59.0%	54.0%	51.5%
<u>ALL OTHER EXPORTS</u>					
Growth Rate	1,972.1	2,651.2	3,872.7	5,121.8	5,529.0
Share of Total Exports	32.1%	+34.4%	+46.1%	N/A	+8.0%
		33.2%	41.0%	46.0%	48.5%

* The 1982 and 1983 exports include estimates of grain shipments not available in previous years, therefore 1981 and 1982 are not comparable.

SOURCE: Statistics Canada and Alberta Agriculture

TABLE II
ALBERTA EXPORTS BY COMMODITY GROUP 1980-1983
(EXPORTS IN THOUSANDS OF DOLLARS)

Commodity Group	1980			1981			1982*			1983*		
	Exports	% of Total	% of Total	Exports	% of Total	% of Total	Exports	% of Total	% of Total	Exports	% of Total	% of Total
Live Animals (cattle, hogs, etc.)	43,798	0.6	0.5	49,757	0.5	0.5	57,570	0.5	0.5	59,140	0.5	0.5
Food, Feed, Beverages and Tobacco (wheat, barley, canola, etc.)	137,975	1.7	1.5	138,994	1.5	1.5	1,723,991	14.8	14.8	1,692,527	14.8	14.8
Crude Materials, Inedible (oil, natural gas, coal, etc.)	6,151,258	77.0	69.2	6,566,328	69.2	61.2	7,104,353	61.2	60.4	6,880,726	60.4	60.4
Fabricated Materials, Inedible (fertilizers, petrochemicals, woodpulp, etc.)	1,340,954	16.8	17.6	1,665,444	17.6	14.5	1,680,272	14.5	17.2	1,962,100	17.2	17.2
End Products, Inedible (oil and gasfield equipment, telecommunications equip. etc.)	227,670	2.9	6.4	607,116	6.4	3.9	453,177	3.9	2.4	277,754	2.4	2.4
Special Transactions Trade (contractor's equipment and tools, etc.)	82,455	1.0	4.9	464,335	4.9	0.8	96,982	0.8	0.3	36,341	0.3	0.3
Invisible Exports (tourism, engineering, etc.)	NA	-	-	NA	-	4.3	501,300	4.3	4.3	492,149	4.3	4.3
TOTAL EXPORTS	7,984,110	100.0	100.1	9,491,974	100.1	100.0	11,617,645	100.0	99.9	11,400,737	99.9	99.9

SOURCE: Statistics Canada and Alberta Agriculture

* Totals for 1982 and 1983 include estimates of grain shipments not available in previous years.

TABLE III

ALBERTA'S MAJOR EXPORT MARKETS 1979-1983

(THOUSANDS OF DOLLARS)

Country	1979		1980		1981		* 1982 *		* 1983 *	
	Exports	% of Total	Exports	% of Total	Exports	% of Total	Exports	% of Total	Exports	% of Total
United States	5,585,043	90.8	7,135,202	89.4	8,340,632	88.3	8,275,962	74.3	8,103,117	74.3
Japan	240,729	3.9	260,336	3.2	302,290	3.2	666,707	6.0	709,440	6.5
USSR	3,193	0.1	7,352	0.1	13,277	0.1	596,985	5.4	476,132	4.4
China	11,648	0.2	34,435	0.4	22,322	0.2	235,114	2.1	259,801	2.4
All Others	309,530	5.0	546,785	6.8		8.1	1,364,454	12.2	1,360,108	12.5
TOTAL	6,150,143		7,984,110		9,443,491		11,139,222		10,908,598	

* The 1982 and 1983 exports include estimates of grain shipments not available in previous years. Invisible exports are excluded.

SOURCE: Statistics Canada and Alberta Agriculture

TABLE IV
SUMMARY OF MAJOR EXPORTS INCLUDING COMMODITIES
CONTRIBUTING MORE THAN 1% OF TOTAL EXPORTS

COMMODITY	1979			1980			1981			1982			1983		
	COMMODITY TOTAL ('000)	% OF TOTAL EXPORTS	COMMODITY TOTAL ('000)	% OF TOTAL EXPORTS	COMMODITY TOTAL ('000)	% OF TOTAL EXPORTS	COMMODITY TOTAL ('000)	% OF TOTAL EXPORTS	COMMODITY TOTAL ('000)	% OF TOTAL EXPORTS	COMMODITY TOTAL ('000)	% OF TOTAL EXPORTS	COMMODITY TOTAL ('000)	% OF TOTAL EXPORTS	COMMODITY TOTAL ('000)
Natural gas	2,342,234	38.08	3,441,322	43.11	3,950,460	41.83	4,250,340	38.16	3,614,186	33.13					
Crude Petroleum	1,835,843	29.85	1,889,811	23.68	1,620,711	17.16	1,767,028	15.86	2,257,522	20.69					
xWheat	N/A		N/A		N/A		1,110,775	9.97	1,161,924	10.65					
Petroleum & Coal Products	507,040	8.24	594,150	7.44	740,792	7.84	852,203	7.65	960,134	8.80					
Coal and Other Crude Bitumen Substances	289,305	4.70	379,961	4.76	366,522	3.88	392,136	3.52	407,765	3.74					
xBarley	N/A		N/A		N/A		455,672	4.09	366,570	3.36					
Sulphur	141,878	2.30	349,340	4.38	489,366	5.18	444,787	3.99	352,917	3.24					
Organic Chemicals	*	*	89,235	1.12	145,669	1.54	116,485	1.05	266,927	2.45					
Wood Pulp and Similar Pulp	201,779	3.28	235,840	2.95	256,158	2.71	231,456	2.08	207,111	1.90					
xCanola	N/A		N/A		N/A		167,258	1.50	151,631	1.39					
Fertilizer and Fertilizer Materials	165,755	2.69	149,896	1.88	165,831	1.76	167,901	1.47	148,351	1.36					
TOTAL MAJOR EXPORTS	4,460,050	90.41	7,306,875	91.55	8,617,021	91.25	10,204,109	91.61	9,895,038	90.71					
ALL OTHER EXPORTS	590,093	9.59	675,420	8.45	826,970	8.75	935,113	8.39	1,013,560	9.29					
TOTAL ALBERTA EXPORTS**	5,150,143	100.00%	7,982,295	100.00%	9,443,491	100.00%	11,139,222	100.00%	10,908,598	100.00%					

x In 1982 and 1983 exports include estimates of grain shipments not available in previous years.

* Commodity accounted for less than 1.0% of total exports.

** Excludes invisible exports

SOURCES: Statistics Canada and Alberta Agriculture.

1983 DETAILED COMMODITY EXPORTS

COUNTRY BY COMMODITY

COMMODITY INDEX

	<u>Commodity Number</u>
I. LIVE ANIMALS	1
II. FOOD, FEED, BEVERAGES AND TOBACCO	2 - 23
Meat, Fish and Dairy Products	2 - 7
Fruits, Cereals and Preparations	8 - 14
Other Foods, Beverages and Tobacco	15 - 23
III. CRUDE MATERIALS, INEDIBLE	24 - 48
Crude Animal and Vegetable Products	24 - 33
Metal Ores, Other Minerals and Petroleum Products	34 - 48
IV. FABRICATED MATERIALS, INEDIBLE	49 - 89
Leather and Leather Fabricated Materials	49
Wood and Paper	50 - 60
Textiles	61 - 64
Oils, Fats, Waxes, Extracts and Derivatives	65
Chemical, Petroleum and Coal Products	66 - 73
Iron and Steel	74 - 78
Non-Ferrous Metals and Other Basic Products	79 - 88
Other Fabricated Materials, Inedible	89
V. END PRODUCTS, INEDIBLE	90 - 137
Industrial and Agricultural Machinery	90 - 104
Transportation and Communication Equipment	105 - 117
Other Equipment and Tools	118 - 125
Miscellaneous Items	126 - 137
VI. SPECIAL TRANSACTIONS, TRADE	138
VII. SERVICES (INVISIBLE EXPORTS)	139

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	COUNTRY OR TOTAL	CUMULATIVE COMMODITY TOTAL 1983	COMMODITY AS % OF TOTAL EXPORTS 1983	UNITED STATES	JAPAN	UNITED KINGDOM	WEST GERMANY	AUSTRALIA
I. LIVE ANIMALS		59,140	0.5187	56,511	187	-	1	60
1. Live Animals		59,140	0.5187	56,511	187	-	1	60
II. FOOD, FEED, BEVERAGES & TOBACCO		1,692,527	14.8458	100,520	199,859	68,575	10,557	11
A. MEAT, FISH & DAIRY PRODUCTS		75,180	0.6594	46,393	14,932	2,967	198	
2. Meat, fresh, chilled or frozen		70,286	0.6165	43,236	14,153	2,537	1	
3. Other meat and meat preparations		462	0.0041	447	1	9		
4. Fish, whole or dressed, fresh or frozen		53	0.0005	53				
5. Fish, fillets & blocks, fresh or frozen		333	0.0029	90		244		
6. Other fishery foods and feeds		660	0.0058	42	618			
7. Dairy produce, eggs and honey		3,386	0.0297	2,525	160	177	197	
B. FRUITS, CEREALS & PREPARATIONS		1,571,310	13.7825	13,537	182,433	63,968	10,011	-
8. Barley		366,570	3.2153	10,575	64,243		9,772	
9. Wheat		1,161,924	10.1916	1,923	84,892	63,935	239	
10. Other cereals, unmilled		409	0.0036	291	91	18		
11. Hard spring wheat flour		6,241	0.0547		48			

Source: Statistics Canada, Alberta Agriculture, Alberta Economic Development

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1983	COMMODITY AS % OF TOTAL EXPORTS 1983	UNITED STATES	JAPAN	UNITED KINGDOM	WEST GERMANY	AUSTRALIA
12. Other cereals, milled	35,358	0.3101	66	33,159			
13. Cereal preparations	764	0.0067	638		15		
14. Fruit and fruit preparations	44	0.0004	44				
C. OTHER FOODS, BEVERAGES & TOBACCO	46,037	0.4038	40,590	2,494	1,640	348	11
15. Vegetables & vegetable preparations	5,938	0.0521	2,457	608	1,622	341	
16. Sugar and sugar preparations	620	0.0054	620				
17. Other foods and materials for food	471	0.0041	458				
18. Oil seed cake and meal	9,409	0.0825	8,282	1,122	3		
19. Other feeds of vegetable origin	2,242	0.0197	1,535	704			
20. Other fodder and feeds	2,212	0.0194	2,134	11	15	7	11
21. Whiskey	24,238	0.2126	24,189	49			
22. Other beverages	907	0.0080	907				
23. Tobacco	8	0.0001	8				
III. CRUDE MATERIALS, INEDIBLE	6,880,726	60.3533	6,028,383	453,668	2,103	28,400	19,879
A. CRUDE ANIMAL & VEGETABLE PRODUCTS	223,794	1.9630	30,402	142,325	1,359	7,374	196
24. Raw hides and skins	12,537	0.1100	6,354	537			

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1983	COMMODITY AS % OF TOTAL EXPORTS 1983	UNITED STATES	JAPAN	UNITED KINGDOM	WEST GERMANY	AUSTRALIA
25. Fur skins undressed	352	0.0031	257		40	55	
26. Other crude animal products	1,090	0.0096	618	28	25		185
27. Seeds for sowing	13,180	0.1156	11,564	311	532	51	
28. Flaxseed	11,181	0.0981	1,886	1,838	700	5,061	
29. Canola	151,631	1.3300	183	138,382	14	1,656	
30. Other oil seeds, oil nuts & oil kernels	4,103	0.0360	2,375	1,181	48	102	11
31. Other crude vegetable products	5,182	0.0455	5,131	48			
32. Other crude wood products	1,268	0.0111	1,268				
33. Textile and related fibres	23,270	0.2041	766			449	
B. METAL ORES, OTHER MINERALS & PETROLEUM PRODUCTS	6,656,932	58.3903	5,997,981	311,343	744	21,026	19,683
34. Scrap iron and steel	205	0.0018	199				
35. Aluminum ores, concentrates and scrap	1,674	0.0147	1,562	82	30		
36. Copper in ores, concentrates and scrap	486	0.0043	486				
37. Lead in ores, concentrates and scrap	18	0.0002	18				

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	COUNTRY OR TOTAL	CUMULATIVE COMMODITY TOTAL 1983	COMMODITY AS % OF TOTAL EXPORTS 1983	UNITED STATES	JAPAN	UNITED KINGDOM	WEST GERMANY	AUSTRALIA
38. Mckel in ores, concentrates and scrap		115	0.0010	33	4			
39. Precious metals in ores, concentrates and scraps		14,144	0.1241	14,120				
40. Zinc in ores, concentrates and scraps		100	0.0009	91		9		
41. Other metals in ores, concentrates and scrap		507	0.0044	335		32		
42. Crude petroleum		2,257,522	19.8015	2,212,601	44,921			
43. Natural gas		3,614,186	31.7013	3,614,186				
44. Coal & other crude bitumin substances		407,765	3.5767	80,548	266,311		19,665	
45. Asbestos, unmanufactured		2,102	0.0184	1,250		673	136	40
46. Sulphur		352,917	3.0956	67,417			1,225	19,643
47. Other crude non-metallic minerals		1,352	0.0119	1,334	18			
48. Other waste and scrap materials		3,839	0.0337	3,801	7			
IV. FABRICATED MATERIALS, INEDIBLE		1,962,100	17.2103	1,692,938	52,625	8,996	2,728	8,458
A. LEATHER & LEATHER FABRICATED MATERIALS		1,343	0.0118	1,343				
49. Leather & leather fabricated materials		1,343	0.0118	1,343				

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1983	COMMODITY AS % OF TOTAL EXPORTS 1983	UNITED STATES	JAPAN	UNITED KINGDOM	WEST GERMANY	AUSTRALIA
B. WOOD & PAPER	325,971	2.8592	311,119	3,053	922	555	38
50. Lumber, softwood	103,917	0.9115	103,626	229		15	18
51. Lumber, hardwood	37	0.0033	37				
52. Shingles and shakes	101	0.0009	101				
53. Other sawmill products	501	0.0004	476		20		
54. Veneer	26	0.0002	26				
55. Other wood fabricated materials	4,920	0.0432	4,900				20
56. Wood pulp and similar pulp	207,111	1.8166	192,674	2,824	897	540	
57. Newsprint Paper	159	0.0014	159				
58. Other paper for printing	91	0.0008	91				
59. Paper Board	10	0.0001	10				
60. Other paper	9,098	0.0798	9,019				
C. TEXTILES	485	0.0043	139		16		
61. Yarn, thread, cordage, twine and rope	294	0.0026	1				
62. Cotton broad woven fabrics	28	0.0002	28				
63. Other broad woven fabrics	63	0.0006	29		13		

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1983	COMMODITY AS % OF TOTAL EXPORTS 1983	UNITED STATES	JAPAN	UNITED KINGDOM	WEST GERMANY	AUSTRALIA
64. Other textile fabricated materials	100	0.0009	81		3		
D. OILS, FATS, WAXES, EXTRACTS AND e<@j[]@j<^	xc+bn1	c%caxa	x+xx9			83	
65. Oils, fats, waxes, extracts and derivatives	10,473	0.0919	1,119			83	
E. CHEMICALS, PETROLEUM & COAL PRODUCTS	1,540,583	13.5130	1,347,075	49,166	7,765	1,622	7,750
66. Chemical elements	8,732	0.0766	8,181	248	34	26	
67. Other inorganic chemicals	103,560	0.9084	98,009	2		4,054	
68. Organic chemicals	266,927	2.3413	117,185	36,911	1,879	1,523	3,561
69. Fertilizers and fertilizer materials	148,351	1.3012	143,470				
70. Synthetic rubber and plastic materials	44,320	0.3887	23,069	4,058	5,832	53	
71. Plastics basic shapes and forms	2,808	0.0246	2,637		18	15	
72. Other chemical products	5,751	0.0504	5,054	37		4	38
73. Petroleum and coal products	960,134	8.4217	949,470	7,910	2	1	97
F. IRON AND STEEL	11,810	0.1036	11,661		121		
74. Castings and forgings, steel	624	0.0055	624				

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1983	COMMODITY AS % OF TOTAL EXPORTS 1983	UNITED STATES	JAPAN	UNITED KINGDOM	WEST GERMANY	AUSTRALIA
75. Bars, and rods, steel	426	0.0037	304		121		
76. Plate, sheet and strip steel	77	0.0008	77				
77. Railway track material	47	0.0004	47				
78. Other iron and steel and alloys	10,636	0.0933	10,609				
G. NON-FERROUS METALS & OTHER BASIC PRODUCTS	70,697	0.6201	19,771	406	143	468	670
79. Aluminum, including alloys	398	0.0035	398				
80. Copper and alloys	3		1				2
81. Lead, including alloys	111	0.0010	111				
82. Nickel and alloys	50,708	0.4448	2,133	385	6	66	
83. Precious metals, including alloys	968	0.0085	919				
84. Zinc, including alloys	47	0.0004	47				
85. Other non-ferrous metals and alloys	1,895	0.0166	1,187			296	16
86. Metal fabricated basic products	9,194	0.0806	7,745	21	111	100	631
87. Abrasive basic products	86	0.0008	43		12	6	
88. Other non-metallic mineral basic products	7,287	0.0639	7,187		14		21

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1983	COMMODITY AS % OF TOTAL EXPORTS 1983	UNITED STATES	JAPAN	UNITED KINGDOM	WEST GERMANY	AUSTRALIA
H. OTHER FABRICATED MATERIALS, INEDIBLE	741	0.0065	711		29		
89. Other fabricated materials, inedible	741	0.0065	711		29		
V. END PRODUCTS, INEDIBLE	277,754	2.4363	186,714	3,017	5,439	2,011	4,096
A. INDUSTRIAL & AGRICULTURAL MACHINERY	152,965	1.3417	88,038	2,070	3,990	553	3,378
90. Engines and turbines, general purpose	1,413	0.0124	976		362		4
91. Electric generators and motors	3,703	0.0325	961	21	94		41
92. Other general purpose industrial machinery	12,952	0.1136	4,814	1	44	53	388
93. Materials, handling machinery and equipment	5,826	0.0511	5,278		25		44
94. Drilling, excavating, mining machinery	83,095	0.7289	43,949	2,044	2,845	475	1,248
95. Metal working machinery	1,114	0.0098	974		58		26
96. Woodworking machinery & equipment	577	0.0051	509				66
97. Construction machinery & equipment	13,071	0.1147	12,397		114		
98. Plastics Industry machinery & equipment	107	0.0009	93		2	11	
99. Pulp and paper industries machinery	394	0.0035	334	4	2		

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1983	COMMODITY AS % OF TOTAL EXPORTS 1983	UNITED STATES	JAPAN	UNITED KINGDOM	WEST GERMANY	AUSTRALIA
100. Other special industries machinery	3,548	0.0311	1,087		55	11	97
101. Soil preparation, seeding, fertilizing machinery	5,532	0.0485	3,935		284		1,025
102. Combine reaper-threshers and parts	1,344	0.0118	1,344				
103. Other haying & harvesting machinery	909	0.0080	909				1
104. Other agricultural machinery and equipment	19,380	0.1700	10,478		105	3	438
B. TRANSPORTATION & COMMUNICATION EQUIPMENT	60,115	0.5273	48,999	42	375	196	62
105. Railway & street railway rolling stock	157	0.0014	157				
106. Passenger automobiles & chassis	2,139	0.0188	2,103				
107. Trucks, truck tractors and chassis	13,046	0.1144	11,817				
108. Other motor vehicles	4,248	0.0373	2,471				
109. Motor vehicle engines and parts	185	0.0016	185				
110. Motor vehicles parts, except engines	9,805	0.0860	6,184	9	11	86	2
111. Ships, boats and parts	1 203	0.0018	178		18	2	
112. Aircraft complete with engines	824	0.0072	160	8			

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1983	COMMODITY AS % OF TOTAL EXPORTS 1983	UNITED STATES	JAPAN	UNITED KINGDOM	WEST GERMANY	AUSTRALIA
113. Aircraft engines and parts	491	0.0043	451		1		
114. Aircraft parts, except engines	6,135	0.0538	4,350	13	230		
115. Other transportation equipment	745	0.0065	745				
116. Televisions, radios and phonographs	20	0.0002	11				
117. Other telecommunication and related equipment	22,117	0.1940	20,187	12	115	108	60
C. OTHER EQUIPMENT AND TOOLS	35,649	0.3127	23,474	775	531	636	547
118. Heating & refrigeration equipment	929	0.0081	904	2			
119. Cooking equipment for food	74	0.0006	68				
120. Electric lighting and distribution equipment	1,300	0.0014	1,085	14	11	12	5
121. Navigation equipment and parts	1,979	0.0174	268				
122. Other measuring, cont., lab. med. and opt. equipment	19,272	0.1690	12,292	754	240	112	417
123. Hand tools & miscellaneous cutlery	164	0.0014	94	3	53		4
124. Office machines and equipment	6,546	0.0574	4,786		178	512	109
125. Other equipment and tools	5,385	0.0472	3,977	2	49		12

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1983	COMMODITY AS % OF TOTAL EXPORTS 1983	UNITED STATES	JAPAN	UNITED KINGDOM	WEST GERMANY	AUSTRALIA
D. MISCELLANEOUS ITEMS	29,025	0.2546	26,203	130	544	626	109
126. Apparel and apparel accessories	1,513	0.0133	1,218	2	47	54	
127. Footwear	350	0.0031	301				
128. Toys, games, sporting, recreation equipment	521	0.0046	392		113	1	
129. Other personal & household goods	851	0.0075	693	8	18		5
130. Medicinal and pharmaceutical products	1,254	0.0110	1,032	57	41	59	
131. Medical, ophthalmic and orthopedic supplies	350	0.0031	200		31	36	10
132. Printed matter	1,748	0.0153	1,366	4	173	28	64
133. Photographic goods	518	0.0045	493		17		7
134. Firearms, ammunition and ordnance	130	0.0011	125				
135. Containers and closures	10,190	0.0894	10,087		32		
136. Prefabricated buildings & structures	8,751	0.0768	8,137	55			
137. Other end products	2,849	0.0250	2,159	4	72	448	23
VI. SPECIAL TRANSACTIONS, TRADE	36,341	0.3188	29,821	68	673	14	507
138. Special transactions, trade	36,341	0.3188	29,821	68	673	14	507

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COUNTRY OR TOTAL COMMODITY	CUMULATIVE COMMODITY TOTAL 1983	COMMODITY AS % OF TOTAL EXPORTS 1983	UNITED STATES	JAPAN	UNITED KINGDOM	WEST GERMANY	AUSTRALIA
VII. INVISIBLE EXPORTS	492,149	4.3168					
139. Invisible exports	492,149	4.3168					
TOTAL ALL COMMODITIES**	11,400,747		8,103,114	709,440	85,809	43,713	33,016

* The all commodities total may not necessarily be the sum of a country's commodity values due either to rounding of figures or to suppression of country export data within certain commodity categories. For example, summing all the commodities for the U.S. yields a value of \$8,094,887 while the true total is \$8,103,870 (Thousand of Dollars).

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	EUROPE					FINLAND	SWEDEN	ITALY	SWITZERLAND
	NETHERLANDS	FRANCE	BELGIUM-LUXEMBOURG						
I. LIVE ANIMALS	-	-	-	-	-	-	28	-	-
1. Live Animals	-	-	-	-	-	-	28	-	-
II. FOOD, FEED, BEVERAGES & TOBACCO	32,096	14,023	26,136	-	-	407	47,967	2,177	
2. Meat, fresh, chilled or frozen	914	5,557	340			276	497	2,097	
3. Other meat and meat preparations		2							
7. Dairy produce, eggs and honey	122	20							
8. Barley	21,332		21,008				13,270		
9. Wheat	9,720	8,356	4,743				34,179		
15. Vegetables & vegetable preparations		86	45			130	21	80	
17. Other foods and materials for food		2				1			
20. Other fodder and feeds	7								
21. Whiskey	1								
III. CRUDE MATERIALS, INEDIBLE	10,214	10,054	13,242	11,970		2	250	70	
24. Raw hides & skins						2	75		
26. Other crude animal products		23		7					
27. Seeds for sowing		86	30				172	70	

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	EUROPE					ITALY	SWITZERLAND
	NETHERLANDS	FRANCE	BELGIUM-LUXEMBOURG	FINLAND	SWEDEN		
28. Flaxseed	889		292			1	
29. Canola	4,200		8			2	
30. Other oil seeds, oil nuts & oil kernels	145		16				
41. Other metals in ores, concentrates and scrap	88						
46. Sulphur	4,892	9,945	12,896	11,963			
IV. FABRICATED MATERIALS, INEDIBLE	66,318	7,357	2,515	257	4,063	2,967	553
56. Wood pulp and similar pulp		7,134	653			2,311	
60. Other paper	43						
61. Yarn, thread, cordage, twine and rope	111						
66. Chemical elements			40			77	16
68. Organic chemicals	28,183	162	1,822	256	635	44	512
70. Synthetic rubber and plastic materials					17		
71. Plastics basic shapes and forms	7						
72. Other chemical products		43				35	3
82. Nickel and alloys	37,968				3,401		

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	EUROPE					FINLAND	SWEDEN	ITALY	SWITZERLAND
	NETHERLANDS	FRANCE	LUXEMBOURG	BELGIUM-					
85. Other non-ferrous metals and alloys		18							
86. Metal fabricated basic products	1		1				1		12
87. Abrasive basic products							9		
88. Other non-metallic mineral basic products	5								10
V. END PRODUCTS, INEDIBLE	196	826	54	1,059		80	102		83
90. Engines and turbines, general purpose		44							
92. Other general purpose industrial machinery	1	1		1					40
93. Materials, handling machinery and equipment	16	20					51		
94. Drilling, excavating, mining machinery	30	537	25	2		17			
95. Metal working machinery						4			
96. Woodworking machinery & equipment									1
98. Plastics industry machinery & equipment	1								
99. Pulp and paper industries machinery		31				23			
100. Other special industries machinery		1	1						

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	EUROPE					
	NETHERLANDS	FRANCE	BELGIUM- LUXEMBOURG	FINLAND	SWEDEN	ITALY SWITZERLAND
106. Passenger automobiles and chassis		13				
107. Trucks, truck tractors and chassis	10					
110. Motor vehicles parts, except engines		2	1		5	
112. Aircraft complete with engines					8	
114. Aircraft parts, except engines	17	4			3	
117. Other telecommunication and related equipment	18	1		489	1	1
118. Heating & refrigeration equipment		16				
121. Navigation equipment & parts				542		
122. Other measuring, cont., lab. med. and opt. equipment	14	117		1	3	4
123. Hand tools and miscellaneous equipment						3
124. Office machines and equipment	7			11	9	
125. Other equipment and tools					4	3
126. Apparel and apparel accessories			21	2	1	1
127. Footwear			1			47

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

EUROPE						
COMMODITY	NETHERLANDS	FRANCE	BELGIUM- LUXEMBOURG	FINLAND	SWEDEN	ITALY SWITZERLAND
128. Toys, games, sporting recreation equipment	10					2
129. Other personal & household goods						5
130. Medicinal and pharmaceutical products, in dosage		30	1			
131. Medical, ophthalmic and orthopedic supplies	4			3		
132. Printed matter	10	7		7	2	2
134. Firearms, ammunition and ordnance			4	1		
135. Containers and closures	51					
136. Prefabricated buildings & structures	7					
137. Other end products		1	1			10
VI. SPECIAL TRANSACTIONS, TRADE	35	-	-	23	2	-
138. Special transactions, trade	35			23	2	
TOTAL ALL COMMODITIES **	108,859	32,260	41,947	13,307	4,582	50,786
						2,883

** A summation of a country's commodity values may not yield the total given due to rounding of commodity dollar values.

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

EUROPE/CENTRAL AMERICA									
COMMODITY		SPAIN	USSR	ROMANIA	COSTA RICA	JAMAICA	MEXICO	CUBA	
I. LIVE ANIMALS		-	-	-	-	-	51	152	
1. Live animals							51	152	
II. FOOD, FEED, BEVERAGES & TOBACCO		199	426,878	-	370	130	24,774	-	
2. Meat, fresh chilled or frozen						130	96		
8. Barley			60,277				5,643		
9. Wheat			366,601				19,034		
12. Other cereals, milled					370				
15. Vegetables & vegetable preparations	199								
18. Oil seed cake & meal							1		
III. CRUDE MATERIALS, INEDIBLE		31	20,285	1,507	-	-	135	1,229	
24. Raw hides & skins			3,121						
29. Canola			1						
30. Other oil seeds, oil nuts & oil kernels							132		
31. Other crude vegetable products							3		
45. Asbestos, unmanufactured			3						
46. Sulphur			17,160	1,507				1,229	

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

EUROPE/CENTRAL AMERICA						
COMMODITY	SPAIN	USSR	ROMANIA	COSTA RICA	JAMAICA	MEXICO
48. Other waste & scrap materials	31					
IV. FABRICATED MATERIALS, INEDIBLE	935	570		3,283	2,722	2,672
63. Other broad woven fabrics		19				
64. Other textile fabricated materials		8				
67. Other inorganic chemicals					1,145	
68. Organic chemicals	78	543		24	63	216
69. Fertilizers and fertilizer materials				3,259	1,514	
73. Petroleum and coal products						2,628
82. Nickel and alloys	845					44
86. Metal fabricated basic products	12					
V. END PRODUCTS	207	28,377	-	-	215	21
92. Other general purpose industrial machinery		5,133				
95. Drilling, excavating, mining machinery		13,033			20	3
95. Metal working machinery					7	
100. Other special industries machinery					2	

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	EUROPE/CENTRAL AMERICA					
	SPAIN	USSR	ROMANIA	COSTA RICA	JAMAICA	MEXICO
104. Other agricultural machinery & equipment						9
110. Motor vehicles parts, except engines		2,931			1	51
114. Aircraft parts, except engines	39					
117. Other telecommunication and related equipment	113				167	
121. Navigation equipment and parts	44	1,124				
122. Other measuring, cont., lab. med. and opt. equipment		4,492				
124. Office machines and equipment	111	189				
125. Other equipment and tools	9	1,127				
126. Apparel and apparel accessories		75				
129. Other personal & household goods		16				
130. Medicinal and pharmaceutical products, in dosage					19	
131. Medical, opthalmic and orthopaedic supplies	1					
132. Printed matter	2					

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

EUROPE/CENTRAL AMERICA							
COMMODITY	SPAIN	USSR	ROMANIA	COSTA RICA	JAMAICA	MEXICO	CUBA
136. Prefabricated buildings & structures		143				8	
141. Other end products		1					
VI. SPECIAL TRANSACTIONS, TRADE	1	-	-	-	-	-	-
138. Special transactions, trade	1						
TOTAL ALL COMMODITIES**	1,372	476,132	1,507	3,653	3,068	27,655	1,657

** A summation of a countrie's commodity values may not yield the total given due to rounding.

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

SOUTH AMERICA					
COMMODITY	BRAZIL	VENEZUELA	ARGENTINA	PERU	CHILE
II. FOOD, FEED, BEVERAGE & TOBACCO	-	56	-	1,395	-
9. Wheat		2			
10. Other cereal, unmilled		9			
10. Other cereal, milled				1,384	
15. Vegetables & vegetable preparations		45		11	
III. CRUDE MATERIALS, INEDIBLE	71,120	845,847	7,869	-	5,245
26. Other crude animal products	17		113		4
27. Seeds for sowing			113		
28. Flaxseed		1			
29. Canola		2			
33. Textile and related fibres		842		1,388	1,324
44. Coal & other crude bitumin substances	18,005				
46. Sulphur	53,098		7,643		3,853
IV. FABRICATED MATERIALS, INEDIBLE	28	4,767	28	-	210
61. Yarn, thread, cordage, twine and rope					46

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

SOUTH AMERICA						
COMMODITY	BRAZIL	VENEZUELA	ARGENTINA	PERU	CHILE	COLOMBIA
65. Oils, fats, waxes, extracts and derivatives						40
66. Chemical elements	28					
68. Organic chemicals		32			58	18
70. Synthetic rubber and plastic materials		4,735			95	3,737
82. Nickel and alloys			28		6	32
86. Metal fabricated basic products					5	11
V. END PRODUCTS, INEDIBLE	-	4,996	73	5,046	467	288
91. Electric generators and motors		1,328				
92. Other general purpose industrial machinery		427	29		14	1
94. Drilling, excavating, mining machinery		604	11	3,747	46	210
97. Construction machinery & equipment					32	
104. Other agricultural machinery & equipment					1	
107. Trucks, truck tractors and chasis		531		687		
108. Other motor vehicles		1,587		189		
110. Motor vehicle parts, except engines		375		9		8

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

SOUTH AMERICA					
COMMODITY	BRAZIL	VENEZUELA	ARGENTINA	PERU	CHILE
113. Aircraft engines and parts					39
114. Aircraft parts, except engines				2	329
117. Other telecommunication and related equipment			33	18	6
120. Electric lighting and distribution equipment		127			
122. Other measuring, cont., lab. med. and opt. equipment		2		7	
124. Office machines and equipment				43	
131. Medical, opthalmic and orthopaedic supplies		15			
136. Prefabricated buildings & structures				344	
VI. SPECIAL TRANSACTIONS, TRADE	-	-	-	-	15
142. Special transations, trade					15
TOTAL ALL COMMODITIES**	71,148	10,664	7,970	6,443	5,922
					5,466

** A summation of a country's commodity values may not yield the total given due to rounding.

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

MIDDLE EAST					
COMMODITY	SAUDI ARABIA	EGYPTIAN A.R.	ETHIOPIA	JORDAN	SUDAN
II. FOOD, FEED, BEVERAGE & TOBACCO	-	4,718	-	1,114	147
9. Wheat		2,135			
11. Hard spring wheat flour		2,582		1,114	147
18. Oil seed cake & meal		1			
IV. FABRICATED MATERIALS, INEDIBLE	285	4 175	426	1	-
60. Other paper	36				
65. Oils, fats, waxes, extracts and derivatives			425		
68. Organic chemicals	60	175			
70. Synthetic rubber and plastic materials	106				
71. Plastics basic shapes and forms	54				
72. Other chemical products	1				
78. Other iron & steel alloys	24				
86. Metal fabricated basic products				1	
88. Other non-metallic mineral basic products	4				
89. Other fabricated materials, inedible				1	

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

MIDDLE EAST						
COMMODITY	SAUDI ARABIA	EGYPTIAN A.R.	ETHIOPIA	JORDAN	SUDAN	OMAN (MUSCAT)
V. END PRODUCTS, INEDIBLE	3,238	90	397	8	357	613
91. Electric gnerators & motors	39					
92. Other general purpose industrial machinery	722					
94. Drilling, excavating, mining machinery	1,776	19	72	8		514
100. Other special industries machinery	12					
101. Soil preparation, seeding, fertilizing machinery	287					
110. Motor vehicles parts, except engines	14	28				23
114. Aircraft parts, except engines	331		5		357	
117. Other telecommunication and related equipment		2				
122. Other measuring, cont., lab. med. and opt. equipment	4	19				76
123. Hand tools & miscellaneous cutlery			2			
124. Office machines and equipment	2		318			
125. Other equipment and tools	31					

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

MIDDLE EAST					
COMMODITY	SAUDI ARABIA	EGYPTIAN A.R.	ETHIOPIA	JORDAN	SUDAN OMAN (MUSCAT)
126. Apparel and apparel accessories	3				
131. Medical, ophthalmic and orthopedic supplies		22			
135. Containers and closures	14				
137. Other end products	3				
VI. SPECIAL TRANSACTIONS, TRADE	182	-	1,550	-	583 467
138. Special transactions, trade	182		1,550		583 467
TOTAL ALL COMMODITIES**	3,703	4,983	2,372	1,123	1,086 1,080

** A summation of a country's commodity values may not yield the total given due to rounding.

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	AFRICA					
	TUNISIA	SOUTH AFRICA	MOROCCO	MOZAMBIQUE	MADAGASCAR	ANGOLA ZIMBABWE
II. FOOD, FEED, BEVERAGES & TOBACCO	-	91	-	874	-	100 -
9. Wheat				874		
15. Vegetables & vegetable preparations		91				100
III. CRUDE MATERIALS, INEDIBLE	31,559	17,202	11,403	4,842	-	-
26. Other crude animal products		2				
46. Sulphur	31,559	17,200	11,403	4,842		
IV. FABRICATED MATERIALS, INEDIBLE	134	5,544	-	-	-	-
65. Oils, fats, waxes, extracts and derivatives	126					
66. Chemical elements		23				
72. Other chemical products		6				
82. Nickel and alloys		5,165				
85. Other non-ferrous metals and alloys		350				
86. Metal fabricated basic products	8					
V. END PRODUCTS, INEDIBLE	-	580	14	-	1,482	1,019 420
90. Engines and turbines, general purpose			11			

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	AFRICA					
	TUNISIA	SOUTH AFRICA	MOROCCO	MOZAMBIQUE	MADAGASCAR	ANGOLA ZIMBABWE
91. Electric generators and motors					807	
92. Other general purpose industrial machinery		270				
93. Materials, handling machinery and equipment		25				
94. Drilling, excavating, mining machinery		10			27	1,019
100. Other special industries machinery		3				
112. Aircraft complete with engines					648	
114. Aircraft parts, except engines		166				
117. Other telecommunication and related equipment						62
122. Other measuring, cont., lab. med. and opt. equipment		4				358
124. Office machines and equipment		46	3			
126. Apparel and apparel accessories		48				
131. Medical, ophthalmic and orthopedic supplies		2				
132. Printed matter		6				

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

COMMODITY	AFRICA						
	TUNISIA	SOUTH AFRICA	MOROCCO	MOZAMBIQUE	MADAGASCAR	ANGOLA	ZIMBABWE
VI. SPECIAL TRANSACTIONS, TRADE	203	202	-	-	105	-	693
138. Special transactions, trade	203	202			105		693
TOTAL ALL COMMODITIES**	31,896	23,621	11,417	5,716	1,587	1,119	1,113

* A summation of a country's commodity values may not yield the total given due to rounding.

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

ASIA/PACIFIC RIM						
COMMODITY	INDONESIA	MALAYSIA	SINGAPORE	PHILIPPINES	INDIA	THAILAND
II. FOOD, FEED, BEVERAGES & TOBACCO	-	-	1	21	14,448	-
2. Meat, fresh, chilled or frozen				21		
3. Other meat and meat preparations		1				
9. Wheat					14,448	
III. CRUDE MATERIALS, INEDIBLE	12,058	-	-	1,048	3,520	3,849
33. Textile and related fibres	807	-	-	1,048	332	3,849
46. Sulphur	11,251				3,188	
IV. FABRICATED MATERIALS, INEDIBLE	1,083	6,979	4,156	5,109	631	1,010
56. Wood pulp and similar pulp					25	
61. Yarn, thread, cordage, twine and rope	54					
65. Oils, fats, waxes, extracts and derivatives						1,663
66. Chemical elements				4,961		
67. Other inorganic chemicals			85		46	
68. Organic chemicals	883	6,935	3,650		44	929
70. Synthetic rubber and plastic materials	146	23	138	129	303	75

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

ASIA/PACIFIC RIM						
COMMODITY	INDONESIA	MALAYSIA	SINGAPORE	PHILIPPINES	INDIA	THAILAND
71. Plastics basic shapes and forms			24			
72. Other chemical products			228		200	6
82. Nickel and alloys					13	513
86. Metal fabricated basic products		21	18	18		
87. Abrasive basic products			13			
89. Other fabricated materials, inedible				1		
V. END PRODUCTS, INEDIBLE	586	914	2,943	773	538	71 748
90. Engines and turbines, general purpose			17			
91. Electric generators and motors		234	3			59
92. Other general purpose industrial machinery	89	497	50	205		
93. Materials, handling machinery and equipment	3		137			
94. Drilling, excavating, mining machinery	488	178	1,959	545	522	42 586
97. Construction machinery & equipment			466			
100. Other special industries machinery				2		
110. Motor vehicles parts, except engines			39	1		

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

ASIA/PACIFIC RIM

COMMODITY	INDONESIA	MALAYSIA	SINGAPORE	PHILIPPINES	INDIA	THAILAND	PAKISTAN
111. Ships, boats and parts	2		2				
114. Aircraft parts, except engines			4			26	
116. Televisions, radios and phonographs			8				
117. Other telecommunication and related equipment			153	6	3	3	84
118. Heating & refrigeration equipment			5				
122. Other measuring, cont., lab. med. and opt. equipment			28	8	3		
123. Hand tools & miscellaneous cutlery			2				
124. Office machines and equipment			12				1
125. Other equipment and tools			32				17
129. Other personal & household goods		2			9		
132. Printed matter	3	2	4	1	1		1
135. Containers and closures		1		5			
136. Prefabricated buildings & structures			21				
137. Other end products	1		1				

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

ASIA/PACIFIC RIM						
COMMODITY	INDONESIA	MALAYSIA	SINGAPORE	PHILIPPINES	INDIA	THAILAND
VI. SPECIAL TRANSACTIONS, TRADE	-	1	44	-	423	25
138. Special transactions, trade		1	44		423	25
TOTAL ALL COMMODITIES**	13,726	7,893	7,146	6,950	19,561	4,955
						3,294

* A summation of a country's commodity values may not yield the total given due to rounding.

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

ASIA/PACIFIC RIM						
COMMODITY	TAIWAN	SOUTH KOREA	CHINA	NEW ZEALAND	HONG-KONG	BANGLADESH
I. LIVE ANIMALS	14	1,817	35	-	-	-
1. Live Animals	14	1,817	35			
II. FOOD, FEED, BEVERAGES & TOBACCO	-	-	237,719	142	142	-
2. Meat, fresh, chilled or frozen				135	11	
8. Barley			6,695			
9. Wheat			229,234			
11. Hard spring wheat flour			1,790		90	
12. Other cereals, milled				7	39	
17. Other foods and materials for food					2	
III. CRUDE MATERIALS, INEDIBLE	20,117	46,088	21,786	5,783	758	4,052
24. Raw hides and skins	1,171	710				
26. Other crude animal products				35		
27. Seeds for sowing			54	19		
28. Flaxseed		17				
30. Other oil seeds, oil nuts & oil kernals	65	22				

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

ASIA/PACIFIC RIM					
COMMODITY	TAIWAN	SOUTH KOREA	CHINA	NEW ZEALAND	HONG-KONG BANGLADESH
33. Textile and related fibres	9,014	1,937	413		746
34. Scrap iron and steel	6				
38. Nickel in ores, concentrates and scrap		79			
39. Precious metals in ores, concentrates and scraps	12				12
41. Other metals in ores, concentrates and scrap	52				
44. Coal & other crude bitumin substances		23,236			
46. Sulphur	9,797	20,087	21,319	5,729	4,052
IV. FABRICATED MATERIALS, INEDIBLE	43,171	10,660	165	3,384	6,477
65. Oils, fats, waxes, extracts and derivatives	272			278	6,421
66. Chemical elements	16				
67. Other inorganic chemicals	218				
68. Organic chemicals	41,660	10,200	165	2,593	
70. Synthetic rubber and plastic materials	1,005	357		334	37

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

ASIA/PACIFIC RIM					
COMMODITY	TAIWAN	SOUTH KOREA	CHINA	NEW ZEALAND	HONG-KONG BANGLADESH
71. Plastics basic shapes and forms				4	
72. Other chemical products				28	19
73. Petroleum and coal products				14	
82. Nickel and alloys		103			
86. Metal fabricated basic products				133	
V. END PRODUCTS, INEDIBLE	78	155	69	2,827	34 1,909
90. Engines and turbines, general purpose		11			
91. Electric generators and motors		6			
92. Other general purpose industrial machinery				2	
94. Drilling, excavating, mining machinery	73			2,282	
100. Other special industries machinery				356	1,909
110. Motor vehicles parts, except engines				1	13
113. Aircraft engines and parts		7			
114. Aircraft parts, except engines				51	
117. Other telecommunication and related equipment		7		16	13

1983 ALBERTA EXPORTS (Thousands of Current Canadian Dollars)

ASIA/PACIFIC RIM							
COMMODITY	TAIWAN	SOUTH KOREA	CHINA	NEW ZEALAND	HONG-KONG	BANGLADESH	
120. Electric lighting and distribution equipment		8	31				
121. Navigation equipment and parts				2			
122. Other measuring, cont., lab. med. and opt. equipment			30	44			
124. Office machines and equipment	1	75		26			
126. Apparel and apparel accessories					1		
129. Other personal & household goods	4	4			2		
130. Medicinal and pharmaceutical products				1			
131. Medical, ophthalmic and orthopedic supplies				20			
132. Printed matter		37	8	20	5		
137. Other end products				6			
VI. SPECIAL TRANSACTIONS, TRADE	-	-	-	11	44	-	
138. Special transactions, trade				11	44		
TOTAL ALL COMMODITIES**	63,382	58,721	259,774	12,148	7,455	5,960	

* A summation of a country's commodity values may not yield the total given due to rounding.

1983 EXPORTS TO OTHER COUNTRIES

(Thousands of Dollars)

<u>Western Europe</u>	<u>1982</u>	<u>1983</u>	<u>Middle East</u>	<u>1982</u>	<u>1983</u>
Austria	298	137	Bahrain	150	68
Denmark	470	303	Cyprus	183	421
Gibraltar	0	0	Iran	8	222
Greece	501	478	Iraq	492	107
Iceland	10	100	Israel	109	173
Ireland	417	471	Kuwait	1,923	568
Malta	21	48	Lebanon	5	6
Norway	5,368	557	Libya	1,826	453
Portugal	134	135	North Yemen	0	0
			Qatar	17	53
			Somalia	683	184
<u>Eastern Europe</u>	<u>1982</u>	<u>1983</u>	South Yemen	0	5
Albania	0	0	Syria	0	5
Bulgaria	0	4	Turkey	2,291	200
Czechoslovakia	3,281	806	United Arab		
East Germany	0	0	Emirates	3,591	849
Hungary	0	17			
*Poland	89,213	11,169	<u>Asia</u>	<u>1982</u>	<u>1983</u>
Yugoslavia	0	0	Afghanistan	0	4
			Burma	488	0
<u>Oceania</u>	<u>1982</u>	<u>1983</u>	Khmer Rep-Laos	0	0
British Oceania Nes.	0	0	Nepal	-	0
Fiji	154	64	North Korea	0	0
French Oceania	12	0	Port. Asia	0	0
Papua N.G.	0	3	Sri Lanka	36	0
U.S. Oceania	0	0	Viet-Nam	0	0

1983 EXPORTS TO OTHER COUNTRIES

(continued)

(Thousands of Dollars)

<u>Africa</u>	<u>1982</u>	<u>1983</u>	<u>Central America/West Indies</u>	
Algeria	546	60	<u>1982</u>	<u>1983</u>
Benin	0	0		
Cameroon	114	0	Bahamas	24 12
C'wealth Af. Nes	1	17	Bermuda	304 81
Fr. Africa Nes.	51	18	Belize	0 0
Gabon	0	15	Barbados	257 693
The Gambia	27	0	Dominican Rep.	274 151
Ghana	0	2	El Salvador	37 6
Guinea	0	0	Fr. West Indies	0 0
Ivory Coast	1,121	83	Guatemala	31 120
Kenya	13	796	Haiti	29 61
Liberia	125	100	Honduras	3 15
Malawi	2	0	Leew-Wind Isl.	5 21
Mauritania	13	0	Neth-Antilles	733 30
Mauritius-Rep.	0	0	Nicaragua	590 333
Nigeria	205	227	Panama	27 9
Port Africa Nes.	0	0	Puerto Rico	47 45
Senegal	13	17	Trinidad-Tobago	1,160 688
Sierra Leone	1	0	U.S. Virgin Isl.	0 1
Spanish Africa	0	0		
Tanzania	704	78		
Togo	0	0	<u>South America</u>	<u>1982</u> <u>1983</u>
Uganda	0	0		
Zaire	5	4	Bolivia	2,118 0
Zambia	16	7	Ecuador	291 610
			Falkland Islands	0 0
			French Guiana	0 0
<u>North America</u>	<u>1982</u>	<u>1983</u>	Guyana	287 11
			Paraguay	1 0
Greenland	1,304	36	Surinam	566 0
St. Pierre-Miq.	27	54	Uruguay	811 20

* Includes \$10,607 Thousand of grain shipments in 1983

